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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2007; month=12; day=11; hr=16; min=41; sec=10; ms=834;]

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Reviewer Comments:

<210> 31

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (1)..(1)

<223> Xaa can be Trp, Ile, or Phe

Please explain <213> Artificial in sequence id# 31.

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Validated By CRFValidator v 1.0.3

Application No: 10552182 Version No: 2.0

Input Set:

Output Set:

Started: 2007-11-19 17:39:59.857
Finished: 2007-11-19 17:40:02.450
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 593 ms
Total Warnings: 31
Total Errors: 1
No. of SeqIDs Defined: 31
Actual SeqID Count: 31

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
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W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2007-11-19 17:39:59.857
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Error code	Error Description
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SEQUENCE LISTING

<110> The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Centers for Disease Control and Prevention
Kalish, Marcia L
Ndongmo, Clement B
Pau, Chou-Pong
Switzer, William M.
Folks, Thomas M.

<120> Multiple Antigenic Peptide Assay for Detection of HIV or SIV Type Retroviruses

<130> 6395-67856-06

<140> 10552182
<141> 2005-10-05

<150> US 60/462,071
<151> 2003-04-11

<150> PCT/US2004/011022
<151> 2004-04-08

<160> 31

<170> PatentIn version 3.2

<210> 1
<211> 11
<212> PRT
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<220>
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<400> 1

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<210> 2
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<212> PRT
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<220>
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<400> 2

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1 5 10

<210> 3
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
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<400> 3

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1 5 10

<210> 4
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<212> PRT
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<220>
<223> SIVsm virus

<400> 4

Trp Gly Cys Ala Phe Arg Gln Val Cys His Thr
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<210> 5
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<210> 8
<211> 11
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<400> 8

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<210> 9
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<400> 9

Phe Gly Cys Ala Trp Arg Gln Val Cys His Thr
1 5 10

<210> 10
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Trp Gly Cys Ser Phe Ser Gln Val Cys His Thr
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<210> 11
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<210> 12
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Trp Gly Cys Ala Phe Lys Gln Ile Cys His Thr
1 5 10

<210> 13
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<400> 13

Trp Gly Cys Ala Phe Lys Gln Ile Cys His Thr
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<212> PRT
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Arg Gly Glu Val Gln Ile Gly Pro Gly Met Thr Phe Tyr Asn Ile
1 5 10 15

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<212> PRT

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Val Leu Pro Val Thr Ile Met Ser Gly Leu Val Phe His Ser Gln
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<212> PRT
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Val Leu Pro Val Thr Ile Met Ala Gly Leu Val Phe His Ser Gln
1 5 10 15

<210> 17
<211> 15
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<400> 17

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1 5 10 15

<210> 18
<211> 15
<212> PRT
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<400> 18

Glu Val Ser Thr Ile Ser Ser Thr Gly Leu Leu Phe Tyr Tyr Gly
1 5 10 15

<210> 19
<211> 15
<212> PRT
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<220>
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<400> 19

His Arg Asn Leu Asn Thr Ala Asn Gly Ala Lys Phe Tyr Tyr Glu
1 5 10 15

<210> 20
<211> 15
<212> PRT
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<220>
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Val Lys Gly Ile Ser Leu Ala Thr Gly Val Phe Ile Ser Leu Arg
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<210> 21
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<220>
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<210> 22
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<400> 22

Tyr Arg Ala Val His Met Ala Thr Gly Leu Ser Phe Tyr Thr Thr
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<210> 23
<211> 28
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<220>
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Asn Ile Glu Asn Val Val Gly Asp Thr Arg Ser Ala
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<210> 24
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<220>
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<400> 24

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Ser Gln Lys Tyr Asn Thr Arg Leu Arg Arg Gln Ala
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<212> PRT
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<220>
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<400> 26

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Ser Gln Pro Ile Asn Glu Arg Pro Lys Gln Ala
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<210> 27
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<212> PRT
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<220>
<223> SIVcpzGab virus

<400> 27

Leu Ala Val Glu Arg Tyr Leu Gln Asp Gln Gln Ile Leu Gly Leu Trp
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Gly Cys Ser Gly Lys Ala Val Cys
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<210> 28
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> SIVmnd virus

<400> 28

Thr Ser Leu Glu Asn Tyr Ile Lys Asp Gln Ala Leu Leu Ser Gln Trp
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Gly Cys Ser Trp Ala Gln Val Cys
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<210> 29
<211> 24
<212> PRT
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<220>
<223> SIVagm virus

<400> 29

Thr Ala Leu Glu Lys Tyr Leu Glu Asp Gln Ala Arg Leu Asn Ile Trp

1 5 10 15

Gly Cys Ala Phe Arg Gln Val Cys
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<210> 30
<211> 24
<212> PRT
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<220>
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<400> 30

Thr Ala Ile Glu Lys Tyr Leu Lys Asp Gln Ala Lys Leu Asn Ser Trp
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Gly Cys Ala Phe Arg Gln Val Cys
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<210> 31
<211> 11
<212> PRT
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<220>
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<222> (4)..(4)
<223> Xaa can be Ser, Ala, or Gln

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<222> (5)..(5)
<223> Xaa can be Gly, Asp, Phe, Trp, or Asn

<220>
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<222> (6)..(6)
<223> Xaa can be Lys, Arg, Met, Ser, or Ala

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<222> (7)..(7)
<223> Xaa can be Ala, Val, or Gln

<220>
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<222> (8)..(8)
<223> Xaa can be Val or Ile

<220>
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<222> (10)..(10)
<223> Xaa can be Tyr, His, or Arg

<400> 31

Xaa Gly Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Thr
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